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PROCESSES AND PROPERTIES INDEX

Ca

Preparation of magnetite for smelting. A. P. Kvasov. *Stal* 8, 206-10(1948).—Magnetite is widely distributed in the U. S. S. R., and some of the largest mills use it as their basic ore. These ores are distinguished by their lower content of Fe, increased content of S and FeO, and the presence of nonferrous and rare metals, such as Cu, Zn, Co, etc., usually in the form of sulfides. Outright smelting of magnetite presents difficulties. This ore, however, is amenable to treatment whereby the Fe can be concentrated, the nonferrous metals separated, and utilized, and excess gang discarded. The treatment involves crushing, magnetic separation, and flotation. Since, in magnetic ore agglomerates, the various minerals form distinct entities, crushing and grinding alone improve the ore greatly. Flotation is important only when values other than Fe are to be recovered. Several schemes for magnetic-ore beneficiation are presented. The Volkov magnetic ore contains Fe 10, Cu 0.84, V<sub>2</sub>O<sub>5</sub> 0.1, and P<sub>2</sub>O<sub>5</sub> 2%. This ore was crushed, ground, classified (70% 0.074-0.2 mm.), then the Cu was floated. The tailings were floated for apatite and the 2nd floated. The tailings were subjected to wet magnetic separation. The 3 concentrates amounted to 23.3% of feed. The Fe concentrate contained Fe 87.8, Cu 0.10, V<sub>2</sub>O<sub>5</sub> 0.83, and P<sub>2</sub>O<sub>5</sub> 0.008%. The Cu concentrate contained Cu 15.30, Fe 14.4, V<sub>2</sub>O<sub>5</sub> 0.016, and P<sub>2</sub>O<sub>5</sub> 1.76%. The P concentrate contained P<sub>2</sub>O<sub>5</sub> 25.20, Fe 3.9, Cu 0.12, and V<sub>2</sub>O<sub>5</sub> 0.013. The tailings contained Fe 4.6, Cu 0.03, V<sub>2</sub>O<sub>5</sub> 0.012, and P<sub>2</sub>O<sub>5</sub> 0.29%. Several other schemes for other magnetic ores are presented. M. Hosh

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SWINSLIN 188000 HEP ONV GSE

SEARCHED INDEXED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ALADINSKIY, P.I.; ARONSKIND, S.Sh.; GLAZKOVSKIY, V.A.; KVASKOV, A.P.;  
SUVOROV, P.S.; SHMANENKOV, I.V., redaktor; BASMANOV, V.A.,  
redaktor; SMIRNOVA, N.A., redaktor; MANINA, M.P., tekhnicheskii  
redaktor

[Results of the organization and work of an ore-dressing laboratory]  
Opyt organizatsii i raboty obogatitel'noi laboratorii. Trudy lab.  
geol.upr. no.3:3-57 '52. [Microfilm] (MLRA 7:11)  
(Ore dressing)

KVASKOV, A.P., kandidat tekhnicheskikh nauk

Some regularities in dry magnetic separation of magnetite ores.  
Gor.zhur. no.1:51-58 Ja '55. (MIRA 8:7)  
(Magnetic separation of ores) (Magnetite)

SOV/137-58-9-18293

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 10 (USSR)

AUTHORS: Suvorov, F. S., Kvaskov, A. P.

TITLE: The Concentration of Magnetite Ores of Northern Ural (Obogashcheniye magnetitovykh rud Severnogo Urala)

PERIODICAL: Tr. N. -i. i proyekt. in-ta "Uralskomekhanobr", 1957, Nr 1, pp 98-105

ABSTRACT: The results are given of the investigation of the feasibility of concentration of Fe ores from the Northern Ural originating at the Auerbakhovsk, Severo-Peschanskoye, Maslovo, and the 2nd Severnyy mines, which constitute the raw material base for the Serov metallurgical plant. The magnetite ores of the deposits enumerated contain magnetite, hematite, martite, limonite, pyrite, pyrrhotite, chalcopyrite, covellite, and sphalerite. The Fe content of the ore mass is 30 - 50%. According to the conditions of the plant the agglomerate should contain 55 - 58% Fe, up to 0.1% Cu and  $\geq$  0.15% P. The dressing procedure developed includes the following main operations: a) crushing of the initial ore to 25(35) - 0mm and dry separation; b) wet magnetic separation for obtaining the

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SOV/137-58-9-18293

The Concentration of Magnetite Ores of Northern Ural

Fe concentrate; c) apatite flotation to remove the phosphorus; d) sulfide flotation to obtain Cu and Cu-FeS<sub>2</sub> concentrate; d) magnetic control separation of the tailings of the flotation for supplementary extraction of Fe; e) agglomeration of the Fe concentrates. The results of the investigation of the feasibility of concentrating ores of the Northern Ural deposits are laid as the basis for the layout of the Serov ore-dressing plant.

1. Magnetite ores--Concentration    2. Magnetite ores--Test results    E. V.

Card 2/2

*KVASKOV, A. P.*

137-58-5-8729

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 2 (USSR)

AUTHOR: Kvaskov, A. P.

TITLE: Present State of the Iron-ore Concentrating Industry in the Ural Region and Ways for its Future Development (Sovremennoye sostoyaniye i puti razvitiya obogashcheniya zheleznykh rud na Urale)

PERIODICAL: Byul.Gorn. o-va Sverdlovsk, 1957, Nr 3, pp 66-72

ABSTRACT: Bibliographic entry

1. Iron industry--USSR 2. Iron ores--Processing

Card 1/1

KVASKOV, A.P., Doc Tech Sci--(diss) "Technologic<sup>g</sup> evaluation of magnetite  
~~iron~~ ore and rational schemes of their <sup>concentration</sup> enrichment. [Mosc], 1958. 24 pp  
(Acad Sci USSR. Inst of Mining ~~efficiency~~), 150 copies (ML, 47-58, 132)

- 33 -

SOV/137-59-2 2563 K

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 2, p 41 (USSR)

AUTHOR: Kvaskov, A. P.

TITLE: Technique and Procedures for Concentration of Iron Ores of the Magnetite Type (Tekhnologicheskaya kharakteristika i skhemy obogashcheniya zheleznykh rud magnetitovogo tipa)

PERIODICAL: Vses. n.-i. i proyekt. in-t mekhan. obrabotki poleznykh iskopayemykh, Nr 105. Leningrad, 1958, 159 pp, ill. r.10.00

ABSTRACT: Data on the practice of concentration of magnetite ores in the USSR and abroad are examined and compared in the monograph. The fundamental laws governing the process of magnetic separation of strongly magnetic ores are developed and the principal experimental works on the study of the productivity and optimum procedure for wet and dry magnetic separators are correlated. Ways for perfecting the technique of concentrating magnetite ores are designated and substantiated. Rational flowsheets for concentrating Fe ores of the magnetite type are examined in relation to the special properties of their material composition.

Card 1/1

M. Z.

BATANOV, Aleksandr Ivanovich. Prinimali uchastiye: SYSOLYATIN, S.A.,  
kand. tekhn. nauk; ARASHKEVICH, V.M.; KVASKOV, A.P., doktor tekhn.  
nauk, retsenzent; GIBELEV, I.T., inzh., retsenzent; KRASNOV, G.V.,  
inzh., retsenzent; NIKOLENKO, S.V., inzh., retsenzent; SOL'VAR,  
A.V., inzh., retsenzent; CHURIKOV, A.N., inzh., retsenzent; ROMANOVA,  
L.A., red. izd-va; BOLDYREVA, Z.A., tekhn. red.; PROZOROVSKIY, Ye.G.,  
tekhn. red.

[Iron ore dressing] Obogashchenie rud chernykh metallov. Moskva,  
Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 423 p.  
(MIRA 14: 9)

1. Obogatitel'nyye fabriki Gornogo upravleniya Magnitogorskogo me-  
tallurgicheskogo kombinata (For Gibelev, Krasnov, Nikolenko, Sol'-  
var, Churikov)

(Ore dressing)

DMITRIYEV, Yu.G.; IZMODENOV, A.I.; IZMODENOV, Yu.A.; KVASKOV, A.P.  
NAGIRNYAK, F.I.

Magnetizing roasting of Lisakovskoye deposit ores without a reducing agent. Gor zhur. no. 6:57-60 Je '61. (MIRA 14:6)  
(Kustanay region--Iron ores)  
(Ore dressing)

TOMCHUK, V.S., inzh.; KVASKOV, A.P., doktor tekhn.nauk

Conditions of separating mineral particles in heavy suspension  
in a hydraulic cyclone. Izv. vys. ucheb. zav.; gor. zhur. 5  
no.3:154-158 '62. (MIRA 15:7)

1. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo  
instituta mekhanicheskoy obrabotki poleznykh iskopayemykh.  
(Separators (Machines))

KVASKOV, A.P., doktor tekhn.nauk (Sverdlovsk); OSINTSEV, A.S., doktor ekonom.nauk (Sverdlovsk); ROZINOVSKIY, A.A., inzh. (Sverdlovsk)

Complete use of Ural iron ores. Gor.zhur. no.2:54-58 P '63.  
(MIRA 16:2)  
(Ural Mountains—Iron ores) (Ore dressing)

KVASKOV, L., student.

Differential formulas of rectangular coordinates in Gauss's projection.  
Trudy NIIGAik no.20:35-44 '55. (MLRA 10:1)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i  
kartografii, Kafedra vysshey geodezii.  
(Map projection)

KVASKOV, L.Ya.; MYDINOV, V.Ya.

Investigating the speed of displacement of indicators of spring  
measuring heads (spring micrometers). Trudy VNIIEK no.4:48-53 '60.  
(MIRA 13:12)

(Micrometer—Testing)

ACC NR: AP7002702

SOURCE CODE: UR/0115/66/000/012/0005/0007

AUTHOR: Kvaskov, L. Ya.

ORG: none

TITLE: Evaluation of luminous intensity in a two-beam interferometer

SOURCE: Izmeritel'naya tekhnika, no. 12, 1966, 5-7

TOPIC TAGS: interferometer, two beam interferometer, *luminescence*

ABSTRACT: The evaluation of the luminous intensity of the flux entering a photomultiplier is necessary when the latter is used for recording interference patterns. A two-beam interferometer with a semitransparent plate is considered. Based on the J. Peters approach (Mesures, 1962, no. 296), the attenuation of the luminous flux in the interferometer system is calculated, and a formula for the luminous flux entering the photomultiplier is derived; it shows that the modulation of this flux depends not only on the contrast factor but also on the width of the photodetector slit. The half-width of the spectral line used affects both: (a) the smaller band contrast associated with greater path difference of component beams and (b) the total luminous intensity of the interference pattern. Orig. art. has: 2 figures and 19 formulas.

SUB CODE: 20 / SUBM DATE: 10Apr66 / ORIG REF: 001 / OTH REF: 001

535.411.001.5:531.71

Card 1/1

L 13618-65

ACCESSION NR: AP4046787

S/0115/64/000/008/0016/0019

AUTHOR: Kvaskov, L. Ya.

TITLE: Low-range reversible counter of interference

SOURCE: Izmeritel'naya tekhnika, no. 8, 1964, 16-19

TOPIC TAGS: interference band, interference band counter

ABSTRACT: An outfit with a reversible interference-band counter having a 50-band range and one-band error was developed. The use of single-stage FEU-2 photomultipliers permitted eliminating the high-voltage supply. The relative shift of the two sets of interference bands by a quarter-period is performed by adjusting the slit position. A 40-mv input signal can operate the electron-tube amplifier. The optical system, photomultiplier system, and the binary counter proper (6 electron-tube counting sections) are described in some detail. Orig. art. has: 4 figures and 6 formulas.

ASSOCIATION: none

SUBMITTED: 00

SUB CODE: EC, OP

NO REF SOV: 002

ENCL: 00

OTHER: 001

Card 1/1

KVASKOV, L.Ya.

Investigating the M-3 level tester. Trudy VNIIEK no.4:54-57 '60.  
(MIRA 13:12)

(Level (Tool)—Testing)

KVASKOV, L.Ya.

Linear and optical measuring instruments at the Exhibition of the  
German Federal Republic. Izv. tekhn. no. 1:63-64 Ja '61.

(MIRA 14:1)

(Moscow--Exhibitions)

(Germany, West--Measuring instruments)

L 33547-62 EW(j)/EWA(k)/FBD/ENT(1)/EEC(k)-2/EEC(t)/T/EEC(b)-2/EWP(k)/EWA(m)-2/  
EWA(h) Pn-4/Po-4/Pf-4/PeB/Pi-4/Pl-4 IJP(c) WG

ACCESSION NR: AP5009239

8/0115/65/000/001/0050/0053

AUTHOR: Grin, G. L.; Kvaskov, L. Ya.

TITLE: An exhibition--Fifteen years of the German Democratic Republic

SOURCE: Izmeritel'naya tekhnika, no. 1, 1965, 50-53

TOPIC TAGS: gas laser, solid state laser, laser/ ZGL 900 laser, ZFL 750 laser

ABSTRACT: An exhibition entitled, "Fifteen Years of the German Democratic Republic," held in Moscow from 3 October to 1 November 1964, featured two East German lasers. The ZGL-900 gas laser consists of a cavity, a high-frequency oscillator, and a power supply. The operating wavelength is 1.153  $\mu$ , and the quartz-stabilized oscillator delivers from 2 to 80 watts in steps at 40, 65 Mc. The unit includes multilayer plane and hemispherical mirrors ( $R = 1$  m and  $R = \infty$ , respectively) with a reflection coefficient of about 99%. The mirrors are mounted on and adjusted by 4 invar rods. The laser head with oscillator is 1080 x 130 x 500 mm and the power supply unit is 405 x 210 x 305 mm. Total weight is 30 kg.

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L 33547-65

ACCESSION NR: AP50C9239

The ZFL-750 solid-state laser was demonstrated as an integral part of a device for drilling and inspecting small holes. The laser rod is 45 to 60 mm long and 3--7 mm in diameter. Its xenon flash lamp is driven by a 1000--3000-v power supply. The air-cooled laser yields from 3 to 12 pulses per sec. The laser head is 140 x 120 x 180 mm and the power supply unit is 350 x 430 x 640 mm. Total weight is 80 kg. Solid-state laser resonators for six different wavelengths from 7082 to 25,560 Å were shown separately.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

ATT PRESS: 1193-F

Card 2/2

KVAMAN, M. G.

Vliianie fosfora na usadku chuguna i obrazovanie treshchin v otbelennoi chasti chugunnykh koles Gri ffina. (Vestn. Mash., 1948, no. 4, p. 42-46)

Effect of phosphorus on the shrinkage of cast iron, and formation of cracks in the chilled part of Griffin wheels.

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

SOV/137-57-10-19268

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 118 (USSR)

AUTHORS: Begun, B.Ye., Kvasman, M.G., Yudin, Ye.I.

TITLE: Experiences in the Making of Cast-iron Crankshafts for Main-line Diesel Locomotives (Opyt izgotovleniya litykh chugunnykh kolenchatykh valov dlya magistral'nykh teplovozov)

PERIODICAL: Tekhnologich. transp. mashinostroyeniya, 1957, Nr 2, pp 12-18

ABSTRACT: The casting of crankshafts for the 2000-hp D-100 Diesel has been perfected at the Khar'kov Transportation Equipment Plant. Shafts weighing 1740 and 1490 kg are cast from pig iron of the following % contents: C 2.2-2.4 and alloyed Mo 1, Cr 0.6 and Ni 1. On rupture,  $\sigma_b$ (tension)  $> 35 \text{ kg/mm}^2$  and  $\sigma_b$ (bending)  $> 70 \text{ kg/mm}^2$ . Utilization of metal when the blank is cast is close to 47%, while only 14% of the metal can be used in forging. Horizontal pouring is recommended in single-unit production, as inclined and vertical pouring require the construction of pouring fixtures, although they do increase the yield by 50% relative to horizontal and reduce machining to a minimum. The optimum pouring temperature is  $1360-1370^\circ\text{C}$ . A thermit

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SOV/137-57-10-19268

Experiences in the Making of Cast-iron Crankshafts (cont.)  
mixture is poured over the risers. The blanks are heat-treated after rough-  
ing to relieve stress. Gamma-radiation is used to inspect for internal faults.  
E.Sh.

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SOV/128-59-6-2/25

18(5)

AUTHOR: Kvasman, M.G., Zav'yalov, A.M. and Tunik, A.A., Engi-  
neers

TITLE: Some Factors Affecting the Quality of Cast Iron Crank-  
shafts

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 6, pp 4-5 (USSR)

ABSTRACT: Pouring of crankshafts for diesel engines is a compli-  
cated process. In the following, several test results  
obtained by the working group of a metallurgical plant  
during 1958 are published. They were made to find the  
reasons for damage to the individual components of the  
crankshafts in connection with their design and their  
chemical properties. These defects or damages are:  
blisters and porous areas, the appearance of which is  
linked to their heat treatments. Diesel engines of the  
type 2 D 100 have two crankshafts: the lower one with a  
length of 3.860 mm (weight 1,740 kg), and the upper one  
with a length of 3.750 mm ( weight 1.490 kg). ( a draw-  
ing of the crankshaft is given on page 3 of this perio-

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SOV/128-59-6-2/25

Some Factors Affecting the Quality of Cast Iron Crankshafts

dical). It is a crankshaft made from alloyed cast iron (alloyed with Mo, Ni, Cr, etc.). (At this time the plant is carrying out experiments to produce such crankshafts from magnesium type cast iron). The defects appearing have been observed at this plant for over a year. From one table it is clear that not one single bearing area of the connecting rods big end bearings has been without defect. The number and the location of the defects differ at the different big end bearings. To demonstrate that not the temperature of pouring, but the chemical properties of the casting material have been the reasons for such defects, a crankshaft had been produced from sulphurous cast iron of the type S Ch 21-40. Neither blisters nor porous areas had been detected on this casting. In 1957, the observations showed that the number of the defects increased with the increase of the C and Si (especially C 3 Si) contents of the material. One table lists the results of the observations during 1957 and 1958 for comparison.

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SOV/128-59-6-2/25

Some Factors Affecting the Quality of Cast Iron Crankshafts

There are 3 tables, 1 diagram and 3 graphs.

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S/128/60/000/010/007/016/XX  
A033/A133

**AUTHORS:**

Kvasman, M. G.; Tunik, A. A., and Begun, B. Ye.

**TITLE:**

Casting large diesel engine crankshafts

**PERIODICAL:**

Liteynoye proizvodstvo, no. 10, 1960, 13 - 15

**TEXT:**

The authors report on the manufacture of cast iron crankshafts for the  $\Delta$  100 (D 100) diesel locomotive engine, which has 10 connecting rod journals and 12 crank journals. All journals are hollow and the crankshafts are fabricated according to a technology described by B. Ye. Begun et al. [Ref. 1: "Tekhnologiya transportnogo mashinostroyeniya", no. 2, 1957], M. G. Kvasman et al. [Ref. 2: "Liteynoye proizvodstvo, no. 6, 1959"] and M. R. Rotenberg, V. I. Soldatenko. [Ref. 3: "Liteynoye proizvodstvo, no. 6, 1959"]. To eliminate some essential technological deficiencies of the cast crankshafts, of which the most important one is the origination of black spots as a result of non-metallic sulfide inclusions, investigations were carried out in which A. A. Novik, L. D. Dobrynina, S. F. Krivtsov and V. I. Korsakov participated. To increase the productivity in big-los production two crankshafts were cast in one flask of 5,360 x 1,100 x 400 mm, instead of

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Casting large diesel engine crankshafts

S/128/60/000/010/007/016/XX  
A033/A133

one crankshaft in 5,360 x 900 x 400 mm flasks. The molds were rammed with the 296M sandslinger. These measures resulted in a cut in labor consumption of molding and assembling operations of 25% and a saving of 1.5 m<sup>3</sup> molding sand per crankshaft. In order to eliminate the cutting off of shrinkage heads narrowed diaphragms and easily removable shrinkage heads were used. The diaphragms were roasted in a reducing atmosphere in metal containers. The cast iron is smelted in a 5-ton acid electric furnace with a solid charge consisting of 30 - 50% ПБК(PVK) forge iron, 20 - 30% LK3 and LK4 - ГОСТ (GOST) 4832-58 foundry iron, 15 - 20% carbon steel scrap and up to 40% shaft waste. The mechanical properties of the crankshafts should be as follows:  $\sigma_{end} \geq 45 \text{ kg/mm}^2$ ,  $\delta \geq 1.0\%$ , and HB in the range of 207 - 302. Up to 30% ferrite and 8% cementite are allowed in the microstructure. Without any special heat treatment and after the treatment with magnesium and modification with 75% ferro-silicon the cast iron should contain: 2.8 - 3.2% C; 2.2 - 2.6% Si; 5.3 - 5.7% (C+Si); 0.5 - 0.9% Mn;  $\leq 0.10\%$  P;  $\leq 0.025\%$  S;  $\leq 0.25\%$  O<sub>2</sub>;  $\leq 0.4\%$  N<sub>2</sub> and 0.025 - 0.1% Mg. An increase in the pouring temperature to 1,370°C and higher made the non-metallic inclusions, causing the origination of black spots, float up to and concentrate near

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S/128/60/000/010/007/016/XX  
A033/A133

Casting large diesel engine crankshafts

the surface, where they could be eliminated during the roughing operation. Magnesium is added in quantities of 0.55% (28 kg per 5 tons of cast iron), while the cast iron is modified with 1.1 - 1.3% (of the weight of the liquid metal) of 75% ferro-silicon. The authors comment upon the optimum modification technology and point out that the results of the mechanical processing and investigations of mechanical properties have shown that the addition of gray cast iron and the recasting of the cast iron caused an increased origination of black spots. When the cast iron was treated with cryolite (of the grades K1 and K2 TsMTU 952-41) which was added together with the magnesium, the black spots were eliminated and a stable level of mechanical properties was obtained. There are 8 figures and 6 Soviet-bloc references.

✓

Card 3/3

KVASNAYA, L.G.; VORONTSOV, I.M.

Content of mucoproteins in the blood of infants during their  
first days of life. Vop. gemat. v pediat. no.3:22-27 '64.

(MIRA 18:7)

KVASNAYA, I.G.

Routes of penetration of infection in newborn infants. Vop. okhr.  
mat. i det. 6 no. 1:59-64 Ja '61. (MIRA 14:4)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. A.F. Tur)  
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. -  
kand.meditsinskikh nauk Ye.P. Semenova).  
(INFANTS (NEWBORN)) (INFECTION)

KVASNAYA, L.G., dotsent; MIRONOVICH, V.K., dotsent

"Propaedeutics of children's diseases" by V.I.Molchanov and  
others. Reviewed by L.G.Kvasraia and V.K.Mironovich. Vop. okh.  
mat. 1 det. 6 no.11:91-94 N '61 (MIRA 14:12)  
(CHILDREN DISEASES) (MOLCHANOV, V.I.)  
(DOMBROVSKAYA, Yu.F.) (LEBEDEV, D.D.)

KVASNAYA, L.G., dotsent

Diagnosis and treatment of sepsis in infants. Vop. okh.  
mat. i det. 7 no.1:15-21 Ja '62. (MIRA 14:3)

1. Iz kafedry gosital'noy pediatrii (zav. - deystvitel'nyy  
chlen AMN SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo  
meditsinskogo instituta (dir. - dotsent Ye.P. Semenova).  
(INFANTS (NEWBORN)--DISEASES)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928310013-4

KVASHNAYA, I

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928310013-4"

U.S. Patent 2,813,104, Feb. 25, 1959. Gas black, lampblack, or acetylene black is added to nitrocellulose strip to increase its water resistance and elasticity.

M. Koch

LYUBINSKIY, Ya.S., KVASNEVSKIY, A.N.

Device for straightening grinding wheels. Mashinostroitel'  
no.1:29 Ja '65.

(MIRA 18:3)

KVASNICKA, Jan

Absorbed power of rotary agitators of liquids. Chem prum 14 no.5:  
230-235 My '54.

1. Research Institute, Kralovopolske strojirny, Brno.

CERNOCH, Zdenek; KREN, Vitezslav; KVASNICKA, Jiri; SLEZAK, Prenysl

The significance of lumbar aortography in hypertensive patients.  
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:155-159 '64.

1. Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky,  
DrSc.) a I. interni klinika (prednosta: prof. MUDr. F. Cernik)  
Karlov University v Hradci Kralove.

KRCH, Vaclav; ERBEN, Josef; GROH, Jindrich; BARTOS, Vladimir; KVASNICKA,  
Jiri; BALCAR, Zdenek

The course of hemodialysis in elderly patients with acute  
renal failure. Sborn. ved. prac. lek. fak. Karlov. Univ.  
9 no.1:397-408 '64.

1. I. interni klinika (prednosta: prof. MUDr. F. Cernik),  
Karlovy University v Hradci Kralove.

KVASNICKA, Jiri, inz.

Use of jet engines on railroads. Zel dop tech 12 no. 7:  
190 '64.

KVASNICA, J.

CZECHOSLOVAKIA/Nuclear Physics - Penetration of Charged and Neutral C  
Particles Through Matter.

Abs Jour : Ref Zhur Fizika, No 1, 1960, 601  
Author : Kvasnica, Josef  
Inst : -  
Title : Theory of Cherenkov Radiation  
Orig Pub : Pokroky mat., fys, a astron., 1959, 4, No 3, 302-  
308  
Abstract : No abstract.

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06633

AUTHOR: Kvasnica, Josef

CZECH/37-59-5-9/13

TITLE: New Attempts Towards a Universal Theory of Elementary Particles

PERIODICAL: Československý časopis pro fysiku, 1959, Nr 5  
pp 527 - 546

ABSTRACT: This is a review article. The paper sums up the successes and difficulties of the theory of elementary particles and different attempts at removing these difficulties. Particular attention is paid to Heisenberg's last papers on a spinor model of elementary particles. There are 65 references, 14 of which are Czech, 27 English, 9 Soviet, 1 international and 14 German.

ASSOCIATION: Fakulta technické a jaderné fyziky, Praha  
(Faculty of Technical and Nuclear Physics, Prague)

SUBMITTED: March 17, 1959

Card 1/1

24.6510

81757  
Z/037/60/000/04/010/014  
E073/E535

AUTHOR: Kvasnica, Jozef

TITLE: Electromagnetic Structure of Nucleons /9

PERIODICAL: Československý časopis pro fysiku, 1960, No 4,  
pp 333-348

ABSTRACT: This is a review paper. It is stated that the greatest progress was achieved in studying the scatter of fast electrons ( $E > 100$  MeV), particularly due to the efforts of a group directed by R. Hofstadter (Refs 1 to 3). The author does not deal with the technique of their experiments since they do not present anything basically new but he deals in the first instance with the theoretical assumptions on which the interpretation of these experiments is based. In the conclusions it is stated that the accuracy of experiments relating to the scatter of fast electrons on nucleons is inadequate for enabling an unequivocal choice between the various nucleon models. From theoretical analysis it is obvious that the existence

Card 1/2 of a nucleon nucleus permits natural elucidation of

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E073/E535

Electromagnetic Structure of Nucleons

certain apparently paradoxical results (equal magnetic but differing electrical structure of protons and neutrons) and, furthermore, it provides satisfactory quantitative agreement. For this reason the author did not analyse various speculative explanations of the small electric radius of electrons. The consistency between the electric and magnetic dimensions of the nucleon seems to indicate that in the given range of energies,  $E \approx 500$  MeV, the deviations from the laws of quantum electrodynamics are not decisive. Acknowledgments are expressed to Corresponding Member of the Czechoslovak Academy of Sciences Professor Doctor V. Votruba for useful discussions and comments, to the Pro-Dean of the Department of Technical and Nuclear Physics, Doctor C. Sc. L. Valenta for critical comments and to Assistant A. Vancura for drawing the graphs. There are 9 figures and 30 references, 3 of which are Soviet, 1 German and 26 English

Card 2/2

ASSOCIATION: Fakulta technické a jaderné fyziky, Praha (Department of Technical and Nuclear Physics, Prague)

SUBMITTED: February 9, 1960



KVASNICA, Josef (Praha)

Models of atomic nuclei. Part 2. Pokroky mat fyz astr 6 no.6:318-326  
'61.

Z/028/62/000/004/001/002  
1037/1237

AUTHOR: Kvasnica, Josef, Prague

TITLE: The electromagnetic structure of atomic nuclei and nucleons

PERIODICAL: Pokroky matematiky fysiky astronomie, no. 4, 1962, 210-222

TEXT: Theoretical considerations are given for the experimental investigation of the electromagnetic structure of atomic nuclei and nucleons with the help of high energy electrons ( $\epsilon$  greater than 200 M.e.v.). The scattering of electrons by a nucleus carrying a neutralised electrical charge is given by

$$d\sigma = d\sigma_n [F(q)^2] \quad (11)$$

where  $d\sigma$  is the differential cross-section for elastic scattering of electrons and  $d\sigma_n$ , the Mott's differential active cross section is a function of the electron energy. The factor  $F(q)_n$  obtained from the equation is then used for determining the charge density. Equation is not adequate for the scattering by nucleons. Here a further term for scattering due to the magnetic dipole is added. The scattering done by Hofstadter's experiments on  $\text{He}_2^4$ ,  $\text{C}_6^{12}$ ,  $\text{O}_8^{16}$  and  $\text{Co}_{20}^{40}$  show a very good agreement with the Slupkovy (pillar) model of a nucleus. In the case of heavier nuclei, the charge distribution can be described by a two parameter division. Experiments with nucleons show that the electromagnetic structures of protons and neutrons are different. Plots

Card 1/2

The electromagnetic structure...

Z/028/62/000/004/001/002

1037/1237

of distributions of charge in neutrons, protons and their nucleons are given. The existence of nucleons allows for an equal magnetic structure but a different electric structure of protons and neutrons. There are 5 figures and 11 references, including: Hofstadter, R., Rev. Mod. Phys. 28, (1956) 214; Yearian, M. and Hofstadter, R. Phys. Rev. 111, (1958) 934; Sobotka, S., Phys. Rev. 118, (1960) 831; Rabi, I., Phys. Rev. 82, (1951) 345.

Card 2/2

KVASNICA, Josef

"Modern physics and philosophy" by Miloslav Kral. Reviewed  
by Josef Kvasnica. Pokroky mat fyz astr 7 no.4:243-244  
'62.

KVASNICA, Josef

Answer to Miloslav Kral's review of "Modern physics and philosophy."  
Pokroky mat fyz astr 8 no.3:178-179 '63.

KVASNICA, Josef

"Conversion of atomic nuclei" by V.J.Goldanskij [Gol'danskiy, V.I.], E.M.Lejkin [Leykin, E.M.]. Reviewed by Josef Kvasnica. Pokroky mat fyz astr 8 no. 5:293-294 '63.

"Optical model of the atomic nucleus" by L. Gomolcak, Z. Pluhar, I. Ulehla. Reviewed by Josef Kvasnica.

KVASNICA, J.

"Plasmas and controlled fusion" by D.J. Rose, M. Clark. Reviewed  
by J. Kvasnica. Jaderna energie 9 no.3:107-108 Mr '63.

ACCESSION NR: AP4017074

Z/0028/64/000/001/0018/0028

AUTHOR: Kvasnica, Josef (Prague)

TITLE: Nuclear forces

SOURCE: Pokroky matematiky, fyziky a astronomie, no. 1. 1964, 18-28

TOPIC TAGS: meson theory, nuclear force

ABSTRACT: The author outlines the basic methods by which information on nuclear forces is derived, and the present state of the meson theory of nuclear forces. He finds that the meson theory of nuclear forces leads to a qualitative explanation of all the known properties of nuclear forces. At present, there is not one experiment known which would contradict the meson theory. However, it has not yet been possible to determine the interaction law which would make possible a correct quantitative evaluation of all the experimentally known manifestations and results of the nuclear forces. All the results of the meson theory have been derived only in terms of the roughest approximations of the disturbance theory. Since the nuclear forces are not weak, it is not at all clear whether the development of the disturbance theory converges, i. e., whether it has any

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ACCESSION NR: AP4017074

mathematical significance. No other calculation method is known at present. There are many other complications. During the interaction of the high-energy nucleons, new particles are formed; but, at present, there is practically no information on their affect on the nuclear forces. It is concluded that the problem of nuclear forces will probably only be solved after the formation of a general theory of these elementary particles. Orig. art. has: 3 figures and 25 formulas.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 12Mar64

ENCL: 00

SUB CODE: NS

NO REF SOV: 000

OTHER: 002

Card 2/2

KVASNICKA, Josef

Modification of the old foundry and starting production in the new plant. Slevarenstvi 12 no. 7:254-256 J1 '64.

1. Kovosvit National Enterprise, Sezimovo Usti.

VECHET, Pavel; STACH, Ladislav; KVASNICKA, Josef

Work in the machine molding shop and joint operations.  
Slevarenstvi 12 no. 7:257 J1 '64.

1. Kovosvit National Enterprise, Sezimovo Usti.

KOLN, A.; KVASNICKA, J.

A morphological indicator of reversible myocardial damage -  
histochemical demonstration of the succinate dehydrogenase  
(SDH) activity of the muscle fibres. Cor Vasa 7 no.1:30-35  
'65

1. Department of Pathology and Internal Medicine, Faculty of  
Medicine, Charles University, Hradec Králové, Czechoslovakia.

CERNOCH, Z.; KREN, V.; KOPECNY, J.; KVASNICKA, J.; SLEZAK, P.; STEINHART, L.;  
NAVRATIL, P.

Roentgen findings in hypertensive patients during lumbar  
aortography and renovasography. Cesk. radiol. 19 no.4/5:  
311-314 Ag '65.

1. Radiologicka klinika, ustav patologicke anatomie, I. interni  
a urologicka klinika lekarske fakulty Karlovy University v Hradci  
Kralove, CSSR.

KVASNICA, Josef (Praha)

Nuclear forces. Pokroky mat fyz astr 9 no.1:18-28 '64.

KVASNICA, L.

KVASNICA, L. Answering the question: how to operate the S-o83/2 sprinklers and sprayers.  
p. 370

Vol. 6, No. 19, Oct. 1956  
MERCHANISAGE ZEMEDELSTVI  
AGRICULTURE  
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

KVASNICA, L.; DIAS, R.

Plant protection centers and machinery proposed for equipping them. p. 453.  
(MECHANISACE ZEMEDLSTVI, Vol. 6, No. 23, Dec 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KVASHICA, L.

KVASHICA, L. One opinion about the Semcice ammonia applicator. p. 39.

Vol. 7, no. 2, Jan. 1957  
MACHANISACE ZEMEDĚLSTVÍ  
AGRICULTURE  
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

KVASHNICA, L.

Protection of plants against the effects of late frost. p. 209. (Mechanizace Zemedelstvi, Vol. 7, No. 9, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. U<sub>n</sub>cl.

KVASNICA, L.

Use of telescopes in the design of cultivators. p. 228. (Mechanisace Zemedelstvi, Vol. 7, No. 10, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KVASNICA, L.

Mechanization of straw removal. p. 354. (MECHANISACE ZEMEDLSTVI, Vol. 7.  
No. 15, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KVASNICA, L.

Mechanization of the loading and spreading of farm manure. p. 393.  
(MECHANISACE ZEMEDELSTVI, Vol. 7, No. 17, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KVASNICA, L.

We saw new machines for potato harvesting made in the German Democratic Republic.

p. (3) of cover. (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 21, Nov. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

KVASNICA, L.

"English mounted seeder for sowing grass seeds."

p. 522 (Mechanisace Zemedelstvi) Vol. 7, no. 22, Nov. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

KVASNICKA, A.

The mountain path. p. 94. KRASY SLOVENSKA. Brantislava. Vol. 31, no. 1,  
Mar. 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress.  
Vol. 5, No. 8, August 1956.

KVASNICKA, A.

The beauty of nature. p. 190. KRASY SLOVENSKY. Bratislava. Vol. 31,  
no. 6, June 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress.  
Vol. 5, No. 8, August 1956.

KVASNICKA, Alojz

Relation of herpes to cancer of the lower lip. Cesk. onkol.  
3 no.4:333-343 1956.

1. Onkologisches Forschungsinstitut in Bratislava.

(LIPS, neoplasms,  
relation to herpes (Ger))

(HERPES,  
relation to cancer of lower lip (Ger))

CZECHOSLOVAKIA / General Problems of Pathology. Tumors. U  
Comparative Oncology. Human Tumors.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13657

Author : Tesarek, Tibor; Kvasnicka, Alojz  
Inst : Bratislava Institute of Oncology  
Title : Mammary-Gland Carcinoma by Men.

Orig Pub : Neoplasma, 1957, 4, No. 2, 170-172

Abstract : A survey of statistics of mammary-gland carcinoma in men according to data of the Bratislava Institute of Oncology for the period of 1946-1954. Individual cases are described. The problem of the clinical picture, methods of treatment and factors which play a part in the etiology of the given diseases are examined.

Card 1/1

KVASNICKA, A.; KOCISKOVA, D.

Relation of herpes simplex to lip carcinoma. II. Anti-herpes antibodies in patients with lip cancer. Neoplasma, Bratisl. 7 no. 1:82-88 '60.

1. Onkologisches Forschungsinstitut, Bratislava, CSR; Institut für Virologie der Tschechoslowakischen Akademie der Wissenschaften, Bratislava.

(HERPES pathol.)

(LIPS neopl.)

TESAREK, T.; DRAC, F.; KVASNICKA, A.

Gastric carcinoma according to material of the Oncological Research Institute during the period of 1951-1960. Bratisl. Lek. Listy 42 no.8:478-481 '62.

1. Z Vyskumneho ustavu onkologickeho v Bratislave, riaditel clen koresp. SAV doc. MUDr. V. Thurzo.

(STOMACH NEOPLASMS)

KVASNICKA, A.

Relationship between herpes simplex and lip carcinoma-III.  
Neoplasma 10 no.2:199-203 '63.

1. Oncological Research Institute, Bratislava, CSSR.  
(HERPES SIMPLEX) (LIP NEOPLASMS)

KVASNICKA, A.

Relationship between herpes simplex and lip carcinoma. IV. Selected cases. Neoplasma (Bratisl.) 12:61-70 '65

1. Oncological Research Institute, Bratislava, Czechoslovakia.

KVASNICKA, Bohuslav (Gottwaldov, Obvodni ustav narodniho zdravi).

Noise in computer rooms and in mechanical data processing central stations. Prac. lek. 17 no.3:112-115 Ap'65.

1. Oddeleni hygieny prace Obvodniho ustavu narodniho zdravi v Gottwaldove (vedouci: MUDr. F. Malon).

KVASNICKA, Bohuslav

Dust, our enemy. Kozarstvi 14 no. 5:148-149 My '64.

1. District Health and Epidemiology Station, Gottwaldov.

KVASNICKA, Bohuslav

Dust and noise in casting cleaning plants. Slevarenstvi  
10 no.5:188-190 My '62.

1. Okresni hygienicko-epidemiologicka stanice Gottwaldov,  
oddeleni hygieny prace.

TESAREK, T.; KVASNICKA, F.; DRAC, F.; SKUPENOVA, A.

Combination of surgical treatment of breast carcinoma with the local application of radioactive phosphorus P32. Neoplasma 9 no.5:531-535 '62.

1. Institut de recherche oncologique, Bratislava, CSSR.  
(BREAST NEOPLASMS) (PHOSPHORUS ISOTOPES)

KVASNICKA, Ivan, MUDr.

Deficiencies and errors in routine roentgenologic examination of  
spinal injuries. Cesk. roent. 10 no.2:47-52 June 56.

1. Z radiol. kliniky KU v Praze; predn. prof. Dr. V. Svab.  
(SPINE, wds. & inj.  
x-ray diag. (Cz))  
(WOUNDS AND INJURIES  
spine, x-ray diag. (Cz))

KVASNICKA, Ivan (Praha 12, Luzicka 30)

Paramastoid process as cause of faulty position of head. Sborn. lek.  
59 no.11:347-352 Nov 57.

1. Radiologicka klinika fakulty vseobecneho lekarstvi university Karlovy  
v Praze, prednosta prof. Dr. Vaclav Svab.

(OCCIPITAL BONE, a norm.

paramastoid process causing permanent lateroflexion & rotation  
of head with limited dorsal flexion in atlanto-occipital  
joint)

(HEAD

permanent lateroflexion & rotation caused by paramastoid pro-  
cess with limited dorsal flexion in atlanto-occipital joint)

EXCERPTA MEDICA Sec 14 Vol 13/8 Radiology Aug 59

1568. A PARAMASTOID PROCESS AS THE CAUSE OF A LATERALLY TILTED  
CARRIAGE OF THE HEAD - Processus paramastoideus als Ursache einer  
schiefen Kopfhaltung - Kvasnička I. Radiol. Karls-Univ. Klin., Prag -  
FORTSCHR. RÖNTGENSTR. 1958, 86/8 (744-746) Illus. 3

Various developmental anomalies of the upper cervical vertebrae and of the base of  
the skull may cause lateral or rotated deviations in the posture of the head. A des-  
cription is given of a case in which a paramastoid process extended downward and  
forward and formed a neo-arthritis with the posterior arc of the atlas; the malfor-  
mation was associated with a vertebral block.

Melot - Brussels

KVASNICKA, Ivan (Praha 12, Vinohrady, Luzicka 30.)

Osteoma of the sternoclavicular region. Acta chir. orthop. traum. cech.  
26 no.1:27-29 Feb 59.

1. Radiologická klinika KU v Praze, přednosta prof. dr. V. Svab.  
(OSTEOMA, case reports,  
sternoclavicular (Cx))  
(STERNOCIAVICULAR JOINT, neoplasms,  
osteoma (Cx))

VLCEK, J.; VACEK, J.; KVASNICKA, I.

Spinal cord injuries. Some experiences with the management and therapy of these injuries. Rozhl. chir. 41 no.9:617-622 S '62.

1. I. chirurgická klinika fak. všeob. lek. KU v Praze, přednosta prof. dr. J. Pavrovský Neurologická klinika fak. všeob. lek. KU v Praze, přednosta akademik K. Henner Rentgenologická klinika fak. všeob. lek. KU v Praze, přednosta prof. dr. V. Svab.  
(SPINAL CORD)

ERBEN, J.; BELOBRADKOVA, J.; STEFAN, H.; GROH, J.; BARTOS, V.;  
KRCH, V.; KVASNICKA, J.; NAVRATIL, P.  
KLAZAROVA, M., technicka spoluprace; SCHROFLOVA, A., technicka  
spoluprace.

Hemodialysis in the treatment of acute uremia (III)  
Cesk pediat 18 no. 3:193-199 '63.

1. Interni, detska, chirurgicka a urologicka klinika  
lekarske fakulty KU v Hradci Kralove; prednostove:  
doc. dr. F. Cernik, prof. dr. J. Blecha, prof.  
dr. J. Prochazka, doc. dr. J. Svab  
(UREMIA) (DIALYSIS) (HYPERKAIEMIA) (KIDNEY, ARTIFICIAL)

KVASNICKA, Jan

Distr: 4E3c 2 cys/4E2b(v)

✓ Principles of ventilation and heating in nuclear plants. 19  
Jan Kvasnicka and Zdeněk Láti (Energoimport, Prague).  
Jaderná energie 3, 387-72(1959).—This summary, compiled  
both from the literature and the authors' experience, dis-  
cusses the maintenance of pressure differences between  
rooms with a different degree of contamination, heating with  
the waste heat of a reactor, typical examples of ventilation  
equipment, rate of air circulation for different types of in-  
stallation, types of filters for radioactive aerosols, and special  
recommendations. H. Newcombe

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1-KS  
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KVASNICKA, Jan; MYNAROVA, Olga

Late embolectomy of the abdominal aorta. Rozhl. chir. 37 no.4:241-244  
Apr 58.

1. Chirurgické a interní oddelení OUN v Písku, přednosta primar MUDr.  
Machacek a primar MUDr. Suss. J. K., Písek, chirurg. odd.

(AORTA, dis.  
embolism. of abdom. aorta, late embolectomy (Cz))

KVASNICKA, Jaroslav

National conference on making use of mechanization means in  
production cooperatives. Podnik organizace 16 no.11:521  
N '62.

KVASNICKA, Jiri, inz.

Ash cellar from prafabricated reinforced concrete parts.  
Zal dop tech 11 no.3:83 '63.

KVASNICKA, Jiri, inz.

Renewal of double rail fishplates. Zel dop tech 10 no.2:52-53 '62.

KVASNICKA, J.

CSSR

CHROBAK L., ANTALOVSKA, Z., POLAK, J., KVASNICKA, J.

1st clinic for Internal Medicine, medical faculty of Charles University  
(I. interní klinika lékařské fakulty KU) Hradec Kralove; director:  
docent Dr. F. Cernik; Stomatological Clinic of the medical faculty of  
Charles University (stomatologická klinika lékařské fakulty KU) Hradec  
Kralove, director: Prof. Dr. L. Szama, CSc; Pediatric clinic of the  
medical faculty of Charles University (dětská klinika lékařské fakulty  
KU) Hradec Kralove, director: Prof. Dr. J. Elšcha, DSc

Prague, Ceskoslovenska Stomatologie, No 2, 1963, pp 121-126.

"Rare Manifestations of Haemophilia in the Orofacial Area"

ENDRYS, Jiri; ~~KVASNICKA, Jiri~~; STEINHART, Leo; VORTEL, Vladimir; BRZEK, Vladimir; VYSLOUZIL, Jan; KRAVEC, Miroslav.

Method of measuring the volume of flow through broncho-pulmonary anastomoses. Sborn.ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral) 6 no.3:219-228 '63.

1.Kardiochirurgicke stredisko (prednosta:prof. MUDr.J.Prochazka);  
I.interni klinika (prednosta: prof. MUDr.J.Rehor); Radiologicka  
klinika (prednosta DrSc., prof. MUDr. J.Bastecky); Patologicko-  
anatomicky ustav (prednosta DrSc., MUDr. A.Fingerland) a Chirur-  
gicka klinika (prednosta: prof., MUDr. J.Prochazka), Universita  
Karlova.

\*

ERBEN, Josef, GROH, Jindrich, LOMSKY, Radovan; SVAB, Jozef; HEROUT, Vladimir; NOZICKA, Zdenek; KVASNICKA, Jiri; BARTOS, Vladimir; KVASNICKOVA, Eva. Technicka spoluprace :SCHROFLOVA, A.

Primary aldosteronism in adrenal cortex carcinoma. II. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad. Kral.) 6 no.5: suppl.:601-607 '63

1. I. interni klinika (prednosta: prof. MUDr. F. Cernik); Urologicka klinika (prednosta: doc. MUDr. Jozef Svab); Patologicke-anatomicky ustav (prednosta: DrSc. prof. MUDr. A. Fingerland) Karlova universita v Hradci Kralove.

GROH, Jindrich; KVASNICKOVA, Eva; KVASNICKA, Jiri; BARTOS, Vladimir;  
ERBEN, Josef.

Determination of minerals, proteins and glycogen in muscle.  
Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad.Kral.) 6  
no.5 suppl.:619-621 '63

1. I. interni klinika (prednosta: prof. MUDr. F.Cernik) Kar-  
lova universita v Hradci Kralove.

KVASHNICKA, J.

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CZECHOSLOVAKIA

ERBEN, J; GROH, J; BARTOS, V; KRCH, V; KVASHNICKA, J; NAVRATIL, P; PELIKANOVA, V; SEDLACKOVA, S.

1. First Internal Medicine Clinic LF KU (I. vnitřní klinika LF KU), Hradec Kralovy; 2. Urological Clinic LF KU, (Urologická klinika LF KU), Hradec Kralovy

Brno, Vnitřní lékařství, No 9, 1963, pp 892-899

"Our Experience with the Treatment with Hemodialysis  
(I. Some Methodological Remarks, Indications and  
Analysis of Complications."

CZECHOSLOVAKIA

ERBEN, J; GRON, J; BARTOS, V; KRCI, V; KVASHICKA, J; NAVRATIL, P.

1. Chair of Internal Medicine of LFU (Katedra vnitřního lékařství LFU), Hradec Králové; 2. Urological Clinic of LFU (Urologická klinika LFU), Hradec Králové

Prague, Vnitřní lékařství, No 10, 1963, pp 990-999

"Treatment of Acute Anuria by Hemodialysis (II)."

(6)

KVASNICKA, Jiri; KVASNICKOVA, Eva; GROH, Jindrich; DANICKOVA, Zdena;  
BARTOS, Vladimir; EREBN, Josef. Techn. spoluprace VAVROVA, Eva.

Mineral and water changes during the aging process. I. Methods  
of determination of minerals in erythrocytes. Normal values.  
Differences between the normal values in women and men. Sborn.  
ved. prac. lek. fak. Karlov. Univ. 9 no.1:369-374. '64.

Mineral and water changes during the aging process. II. Mineral  
and water changes in erythrocytes in different age groups.  
Ibid.:375-381

1. I. interni klinika (prednosta: prof. MUDr. F. Cernik)  
Karlovy University v Hradci Kralove.

ENDRYŠ, Jiri; STEINHART, Leo; PROCHÁZKA, Jaroslav; SLEZÁK, Premysl;  
KOSMAK, Leván; KVASNICKA, Jiri; REZÁČ, Václav.

The degree of mitral insufficiency. Comparison of dilution  
technics. Angiography and operative findings. Sborn. ved. prac.  
lek. fak. Karlov. Univ. 8 no.4:461-465 ' 65.

1. Kardiochirurgické středisko (prednosta: prof. MUDr.  
J. Procházka) Karlov University v Hradci Králové.

KVASNICKA, Karel

Technology of shoemaking by injection molding of rubber compounds. Kozarstvi 14 no. 2: 35-36 F '64.

1. Svit, n.p., Gottwaldov.

KVASNICKA, Ol., MUDr, Brnb, KHES

Cooperation of the department of work hygiene with the insurance physicians. Pracovní lek. 6 no.5:318-319 15 Oct 54.

(INDUSTRIAL HYGIENE

in Czech., cooperation of department of work hygiene with insurance physicians)

(HEALTH INSURANCE

in Czech., cooperation with department of work hygiene)